

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010308**Date Inspected:** 22-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Mr. Chen ying xin/ Mr. Li ming	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes	No N/A
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes	No N/A
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes	No N/A
Approved Drawings:	Yes No N/A	Approved WPS:	Yes	No N/A
		Delayed / Cancelled:	Yes	No N/A
Bridge No:	34-0006	Component:	Tower	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

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1. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 057266 perform FCAW welding on, bearing stiffeners, weld joint identified as P1144, P 175, P 1232. ZPMC CWI Identified as Mr. Li ming. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-345-FCAW-2G (2F)-repair.

2. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 053869 perform FCAW welding on, interconnecting splice plate, weld joint identified as NSD1-SPSA4-26-1B. ZPMC CWI Identified as Mr. Li ming. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2231-TC-U5-F.

3. This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 037840 perform SMAW welding on, spare strut plate, web to stiffener, weld joint identified as ED1-STSA3-2-109 mtr. -1-55. ZPMC CWI Identified as Mr. Chen ying xin. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2113.

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4.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 041716 perform SAW welding on, Lift 5 skin plate, weld joint identified as ESD1-TL5-2 E/F-24A. ZPMC CWI Identified as Mr. An xing xiang. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3221-B-U3C-S1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge, Sinevod - 134-8257-0045, who represents the Office of Structural Materials for your project.

Inspected By:	Baskar,Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
